



LAB203 R2A Broth

Description

A medium of low nutritional content for use with membrane methods for the enumeration of bacteria from water samples.

Formulation

	g/litre
Yeast extract	0.5
Meat peptone	0.5
Casamino acids	0.5
Glucose	0.5
Starch	0.5
Dipotassium hydrogen phosphate	0.3
Magnesium sulphate	0.05
Sodium pyruvate	0.3

Appearance

Powder: fine, free-flowing, homogeneous, buff
Finished medium: clear, pale straw liquid

pH: 7.2 ± 0.2

Hazard classification

NR – Not regulated

Method for reconstitution

Disperse 3g of powder in 1 litre of distilled water. Allow to soak for 10 minutes, swirl to mix and dispense into tubes or bottles. Sterilise by autoclaving at 121°C for 15 minutes.

Storage

Dehydrated culture media: 10-25°C away from direct sunlight.
Prepared media: 1 month at 2-8°C in the dark.

Minimum Q.C. organisms

Aeromonas hydrophila NCTC 8049

Pseudomonas fluorescens NCTC 10038

Escherichia coli ATCC 25922